



Vision • Commitment • Pride

FOREST STEWARDSHIP MANAGEMENT PLAN

Prepared For:
Carroll County BOE

Prepared By:
Jim Strong
MFC

Time Period Covered by This Plan:
2012 - 2021

Date Plan Prepared:
2012-02-15

Plan Type:
Stewardship / Stewardship

This plan was developed in accordance with the rules of the Stewardship program.

Property Name: S16-T18N-R3E

MISSISSIPPI FOREST STEWARDSHIP PROGRAM

TABLE OF CONTENTS

LANDOWNER INFORMATION	3
FORESTER INFORMATION	3
DISCLAIMER	3
INTRODUCTION	3
OBJECTIVES	4
PROPERTY DESCRIPTION	4
GENERAL PROPERTY RECOMMENDATIONS	5
SOIL TYPES	7
STRATA	8
OTHER PLAN ACTIVITIES	13
PLAN MAP	15
PLAN MAP	16
STRATA ACTIVITY SCHEDULE	17

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

LANDOWNER INFORMATION

Name: Carroll County BOE
Mailing Address: P O Box 256
City, State, Zip: Carrollton, MS 38917
Country: United States of America
Contact Numbers: Home Number:
Office Number: 662-237-9276
Fax Number:

E-mail Address:
Social Security Number (optional):

FORESTER INFORMATION

Name: Jim Strong , Service Forester
Forester Number: 00898
Organization: MFC
Street Address: P O Box 95
City, State, Zip: Carrollton, MS 38917
Contact Numbers: Office Number: 662-237-6732
Fax Number:
E-mail Address: jstrong@mfc.state.ms.us

PROPERTY LOCATION

County: Carroll Total Acres: 631 Latitude: -89.99 Longitude: 33.42
Section: 16 Township: 18N Range: 3E

DISCLAIMER

This information was derived from a small sampling of the forest resources. It reflects a statistical estimation that is only intended to be accurate enough for the purposes of making decisions for the short-term management of these resources. These estimations are temporally static. Events and circumstances may occur within the survey area that will physically alter the forest resources and therefore will not be reflected in this plan.

INTRODUCTION

This Forest Stewardship Management Plan will serve as a guide for accomplishing the goals and objectives for your property. In addition to addressing your specific goals and objectives, this plan includes recommendations for maintaining soil and water quality and protecting your forest from insects, disease, and wildfire. Recommendations are based on observation and assessment of the site.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

OBJECTIVES

Timber Production

The goal is to produce high quality sawtimber. This will be accomplished through reforestation and timber stand improvement practices such as herbicide applications, prescribed burning, thinning at specified intervals, and other silvicultural practices. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Wildlife Management - General

The goal is to provide a diversity of habitats suitable for a variety of game and non-game wildlife species. Habitat management will focus on developing a variety of food, cover, water, and space. This will be accomplished by establishing and maintaining access roads and firelanes, providing openings within the forest, and the management of trees located within the Streamside Management Zone

PROPERTY DESCRIPTION

General Property Information

This section of 642 acres is located in the South Central part of Carroll County near Coila Mississippi. County Road #'s 149 and # 231 runs through this section. The entire section is classified as Forest Land and is in timber production.

Water Resources

The drainages of this section are in the Peluica Creek Watershed. Peluica Creek is a tributary of the Yazoo River. The objective is to protect, preserve and enhance all water sources and drainages on or transecting the property. Mississippi Best Management Practices will be implemented during all aspects of the management of this property to minimize the impact on all water resources.

Timber Production

The goal is to maximize the production of high quality timber. This will be accomplished through the application of timely thinning and other silvicultural practices designed to enhance timber quality and growth. Forestry Best Management Practices will be implemented to prevent erosion and protect water quality.

Threatened and Endangered Species

No threatened and endangered species were identified during the reconnaissance and evaluation of this property.

If any threatened and /or endangered species are discovered, immediate management procedures will be applied to protect these sensitive natural resources for future generations.

MISSISSIPPI FORESTRY COMMISSION

FOREST STEWARDSHIP MANAGEMENT PLAN

Interaction with Surrounding Property

Prescribed practices should be carried out in a manner that will minimize adverse impacts on surrounding properties. Consideration should be given to potential air, water, visual, and other impacts. In addition, practices carried out should have positive effects on the surrounding community such as improved wildlife habitat and soil stabilization.

Soils General

Soils were evaluated on the property to determine the suitability of the site for the proposed activities. Forest practices were planned so as to minimize erosion or other adverse effects on the soil. The following soils are identified for this property: Gullied Land-Loring Complex, Memphis Silt Loam and Adler Silt Loam.

For a complete description of these soils, please see the Soil Type Section of this plan.

Archeological and Cultural Resources

No Archeological and Cultural Resources were identified during a reconnaissance of the property.

If any Archeological and/or Cultural Resources are discovered during the management of this property, immediate management practices will be applied.

GENERAL PROPERTY RECOMMENDATIONS

Forest Protection

A vigorous growing stand is the best defense to an attack from a variety of forest insects, plants and pathogens.

Insects and Diseases

Trees are subject to attack from insects and diseases. Different insects and diseases affect trees according to the age, species, and condition of the trees. Planted stands of pines and pure stands of hardwoods are particularly susceptible to attack. Since there are many different insects and diseases, no attempt will be made here to explain all of them. The property should be inspected at least annually for possible signs of insect and disease activity. Some things to look for are:

- Unseasonable leaf fall
- Discoloration of leaves or needles
- Pitch pockets on pine trees
- Heavy defoliation of hardwood leaves
- Groups of three or more dying trees within a stand

This list does not cover all instances of insect or disease attacks. If anything unusual is noticed, report it to a forester. In most cases, insect and disease problems can be controlled if discovered early.

MISSISSIPPI FORESTRY COMMISSION FOREST STEWARDSHIP MANAGEMENT PLAN

Fire Protection

The Mississippi Forestry Commission will establish and maintain all firebreaks around the property and other forest management areas on the property. These firebreaks will help to protect your property from wildfires. All firebreaks will be established and maintained according to Mississippi Best Management Practices.

Grazing

Tree seedlings should be protected from grazing until such time as the terminal bud of the sapling is beyond reach of livestock. Domestic livestock should be denied access to the tree planting area.

Boundary Lines

It is the responsibility of the landowner to ensure that all property lines and boundaries designating areas to receive forestry work are clearly identified and visible to all contractors.

Note: Some forest practices may cause temporary adverse environmental or aesthetic impacts. These practices will only cause short-term adverse impacts where they are installed. Special efforts will be made to minimize adverse effects when carrying out any of the practices. Examples include: site preparation, planting, prescribed fires, firebreak installation and maintenance, road installation and maintenance, pesticide applications and timber harvesting.

Water Quality Protection

The objective of the landowner is to protect, preserve and enhance all water sources on or transecting the property. This can best be achieved by implementation of Best Management Practices in all aspects of the management of the property.

Aesthetics

The goal is to assure that the property is managed in such a way that is aesthetically pleasing to the landowner as well as the community. Activities could include, maintaining buffer strips along the road and adjacent to the home site, planting wildflowers along the road, and trees with attractive fall and spring color along the drive and near the home site.

Ecological Restoration

Ecological restoration is the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed. A reconnaissance of the property has been conducted and no ecological restoration activities are recommended at this time.

Wildlife Mgt. Target Species

The objective of this practice is to provide habitat best suited for the featured or target species. Habitat management will focus on providing food, cover, water, and space to facilitate the target species.

MISSISSIPPI FORESTRY COMMISSION FOREST STEWARDSHIP MANAGEMENT PLAN

Environmental Education

Environmental educational goals are to provide educational opportunities for children and adults through the development of items such as nature trails with tree identification markers, wildlife viewing areas, picnic areas, parking, public restroom facilities.

Wildlife Management General

The goal is to provide a diversity of habitats suited for a variety of game and non-game wildlife species. Habitat management will focus on providing a variety of food, cover, water, and space. This will be accomplished, in part, by establishing and maintaining access roads and firelanes, providing openings within the forest, and leaving mast producing and den trees.

The section is leased to different hunting clubs. The hunting clubs plants the firelanes and openings in food plots for the native wild life.

Timber Management

Timber management goals for this property are to manage timber resources in such a manner as to maximize timber production throughout the life of the stand.

Recreation

According to landowner objectives the recreational use of the property could prove to be an avenue for personal enjoyment or for generating income. An evaluation of your property should be conducted and a plan developed to accomplish your specific goals for recreational activities on your property.

SOIL TYPES

6D3

The Memphis component makes up 90 percent of the map unit. Slopes are 8 to 12 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. Loblolly Site Index = 105.

6E3

The Memphis component makes up 95 percent of the map unit. Slopes are 12 to 40 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

46

Generated brief soil descriptions are created for major soil components. The Gullied land is a miscellaneous area. The Loring component makes up 27 percent of the map unit. Slopes are 5 to 20 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer, fragipan, is 14 to 35 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

6C3

The Memphis component makes up 90 percent of the map unit. Slopes range from 5 to 40 percent. This component is on uplands. The parent material consists of loess deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. Loblolly Site Index = 105.

21

The Adler component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains. The parent material consists of silty alluvium deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is very high. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 30 inches during January, February, March, April. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

STRATA

Strata 1

Strata Description

This Strata consists of Stand #12 for a total of 69.52 acres. This strata is a mature loblolly pine plantation that was established in 1979 and consists mainly of loblolly pine sawtimber. There are 90 trees per acre that have an average diameter of 13 inches. The average total height is 58 feet with 70 tons per acre. The strata was first thinned in April 2003 and prescribed burned in the winter of 2004.

Stand Recommendations

This loblolly pine plantation will be managed on a 35 year rotation using sound forestry management practices. A final harvest sale will be planned in 2014 to sale all

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

merchantable timber. The Mississippi Forestry Commission will cruise the timber and conduct the timber sale. The removal of all the timber will provide excellent cover, food and nesting areas for the native wildlife.

Activity Recommendations

Harvest

A final harvest sale is recommended for Stand 2- 69.52 acres in 2014 to remove all standing timber. The Mississippi Forestry Commission will determine the value of the timber for the Board of Education and conduct a timber sale and check compliance of the timber harvesting.

Site Preparation

The cutover tract (Stand #12- 69.52 acres) will be aerially sprayed with prescribed herbicides between May-October 2016 to help control the competing hardwood competition and to help prepare the tract for the pine tree planting. The BOE will have to contract with an aerial applicator for the spraying. The Mississippi Forestry Commission will inspect all work for the Board of Education.

Site Preparation

Site Preparation Burning is recommended in this strata to reduce fuel loading, the potential for wildfire, to improve wildlife habitat, and to help prepare the stand for the tree planting. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Stand #12- 69.52 acres in the fall of 2016

Regeneration

After site preparation of aerial spraying and burning, Stand # 2- 69.52 acres will be hand planted at the rate of 691 improved loblolly pine seedlings per acre between December -March. The BOE will have to contract with a planting vendor to furnish the seedlings and labor to plant the tract. The Mississippi Forestry Commission will inspect all work.

Strata 2

Stand Description

Strata 2 consists of the following stands : #1, #2, #6, #19, #25, #26, #27, #41, #43 and #44 for a total of 206.36 acres. This loblolly pine plantation is mainly pulpwood size timber with an average diameter of approximately 8.0 inches and has approximately 391 trees to the acre. The average merchantable height is 39 feet with 105 tons per acre

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Stand Recommendations

This loblolly pine stand will be managed on a 35 year rotation using sound forestry management practices. The strata will be thinned to lower the basal area which will create more sunlight for a period of time to the forest floor resulting in more wildlife food and cover for the deer, turkey and other native wildlife.

Activity Recommendations

Harvest

A timber sale for this strata (#2 for a total of 206.35 acres) has been conducted and Good Hope Timber was the successful bidder for \$8.05 per ton for the pine pulpwood to be removed. This strata will be thinned to a basal area of 75+/- 10 square feet per acre. By lowering the number of trees per acre, the remaining pines will have more growing room and will be able to grow into sawtimber size trees more quickly. Also the increased sunlight to the forest floor will benefit the native wildlife by providing more herbaceous vegetation .

Fire Protection

Prescribed burning is recommended in this strata to reduce fuel loading , the potential for a wildfire, and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burn manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burn vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Strata 2 - 230.65 acres in the fall of 2014.

Strata 3

Stand Description

This strata consists of the following stands : #7, #8, #18, #50 and #52 for a total of 80.07 acres. This strata is a 3 year old loblolly pine plantation that was established in February 2008 after all merchantable timber was sold and harvested. The tract was aerially sprayed with prescribed herbicides and prescribed burned prior to planting. A survival check shows that the tract has approximately 546 trees per acre at this time.

Stand Recommendations

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices.

This Strata will be inspected annually for any health problems that may arise, including bark infestation. The stands in this strata should be evaluated for the need of a first thin

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

when they reach the age of 14 years old. The trees in this strata should be allowed to self prune until approximately 30% of the tree is live crown. The Mississippi Forestry Commission will determine when the stand is ready to be thinned and the best thinning method to be used to continue the maximum growth of this plantation. Management practices will be beneficial to the native wildlife.

Strata 4

Stand Description

This strata consists of the following stands : #5, #10, #24 , #33, #35, #39, #47 and #48 for a total of 80.34 acres. This strata is a 49 year old stand of hardwood sawtimber and pulpwood which consists of oaks, gums, maples, ash and other hardwood species that average 11 inches in diameter. There are 121 trees per acre that average 52 feet in total height with 62 tons per acre. The stands in this strata are found growing along the drainages. This strata will be managed as a stream side management zone (SMZ) protecting the drainages from run off and maintaining stream temperature.

Stand Recommendations

This hardwood stream side management zone strata will be managed on a 70 year rotation. No management is needed for the life of this plan. Any planned management practices will take wildlife considerations in the management of this SMZ. The Strata will be inspected during the life of the plan for health and other management considerations.

Strata 5

Stand Description

This strata consists of the following stands : #4, #32, #40, #42, #45 and # 51 for a total of 103.69 acres. This well stocked loblolly pine plantation was established in 1998 after the tract was aerially sprayed with prescribe herbicides and site preparation burned. There are approximately 380 trees per acre that average 6 inches in diameter. The average total height is 30 feet with 65 tons per acre.

Stand Recommendations

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices.

This Strata should be inspected annually for any health problems that may arise, including bark infestation. The stands in this strata should be evaluated for the need of a first thin when they reach the age of 14 years old. The trees in this strata should be allowed to self prune until approximately 30% of the tree is live crown. The Mississippi Forestry Commission will determine when the stand is ready to be thinned and the best method thinning method to be used to continue the maximum growth of this plantation.

Activity Recommendations

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Harvest

Strata 5- 103.69 acres should be thinned to a BA of 75 +/- 10 square feet per acre in 2015. By selectively removing some of the pines, the thinning will allow more sunlight to reach the forest floor which in return will allow the remaining trees to grow much faster into sawtimber trees. The Mississippi Forestry Commission will determine which trees need to be removed and the best thinning method to use at that time.

Native wildlife will benefit from this thinning because of the new growth of herbaceous vegetation created by more sunlight reaching the forest floor.

Fire Protection

Prescribed burning is recommended in this strata in order to reduce fuel loading and the potential damage from wildfire and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burning vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Strata 5- 103.69 in the fall of 2017

Strata 6

Stand Description

This strata consists of the following stands : #23 and #31 for a total of 11.67 acres. This strata is a 8 year old loblolly pine plantation that was established in February 2008 after the reclassified open land was machine planted and then band sprayed with prescribed herbicides to help control the herbaceous vegetation. A survival check shows that the tract has 529 trees per acre .

Stand Recommendations

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices.

This Strata will be inspected annually for any health problems that may arise, including bark infestation. The stands in this strata should be evaluated for the need of a first thin when they reach the age of 15 years old. The trees in this strata should be allowed to self prune until approximately 30% of the tree is live crown. The Mississippi Forestry Commission will determine when the stand is ready to be thinned and the best method thinning method to be used to continue the maximum growth of this plantation.

Strata 7

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Stand Description

This strata consists of the following stands : #3, #11, #21, #22, #28, #29, #30, #34, and #41 for a total of 33.47 acres. This strata is a 10 year old loblolly pine plantation that is mainly pulpwood size timber with an average diameter of 6.0 inches and has 450 trees to the acre.

Stand Recommendations

This loblolly pine strata will be managed on a 35 year rotation using sound forestry management practices.

This Strata will be inspected annually for any health problems that may arise, including bark infestation. The stands in this strata should be evaluated for the need of a first thin when they reach the age of 14 years old. The trees in this strata should be allowed to self prune until approximately 30% of the tree is live crown. The Mississippi Forestry Commission will determine when the stand is ready to be thinned and the best method thinning method to be used to continue the maximum growth of this plantation.

Activity Recommendations

Harvest

This strata will need to be evaluated in 2017 to determine if a first thin is needed. The Mississippi Forestry Commission will evaluate the strata and if a thin is needed, we will determine the best thinning method to use at that time to achieve an average basal area of 75 +/- 10 square feet per acre.

If a thinning is carried out, the increased sunlight to the forest floor will result in more herbaceous vegetation for the native wildlife.

Fire Protection

Prescribed burning is recommended in this strata in order to reduce fuel loading and the potential damage from wildfire and to improve wildlife habitat. A prescribe burning plan must be developed and followed in the application of the burn. Because of equipment, personnel and weather requirements, the application of a prescribed fire is limited to only those days that meet requirements of the burning plan. A prescribed burning manager should be employed to conduct the burn. The Mississippi Forestry Commission (on a limited basis) and other prescribed burning vendors are available to conduct prescribe burning.

Prescribe burning will be scheduled as follows:

Strata #7- 33.47 acres in the fall of 2019

OTHER PLAN ACTIVITIES

Boundary Lines

**MISSISSIPPI FORESTRY COMMISSION
FOREST STEWARDSHIP MANAGEMENT PLAN**

Line Description

Routine inspection and general maintenance of the roads, firelanes and boundary lines will ensure the overall appearance and aesthetics of the property.

Line Recommendations

The 4 miles of boundary lines will be repainted with red paint at eye level on the old hacked marks and all corners marked with a X every 5 years.

Activity Recommendations

Property Activities

Routine inspections and general maintenance of the roads, firelanes, and boundary lines will ensure overall appearance and aesthetics of the property.

All property lines will be remarked with red paint during the summer of 2014.

Property Activities

Routine inspections and general maintenance of the roads, firelanes, and boundary lines will ensure overall appearance and aesthetics of the property.

All property lines will be remarked with red paint during the summer of 2019.

S16 T18N 03E Carroll County BOE



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Coila
2012 to 2021
630.54 Acres





S16 T18N 03E Carroll County BOE

Property

Property (1)

Category 1: Stands

Pulpwood (25)
 Sawtimber (9)
 Reproduction (5)
 Sub-Merchantable (2)

Category 3: Non-Forest Stands

Non-Forest (11)

Property Roads/Trails

Access Road (6)

Management Compartment

Harvest (8)

MFC Basemap

County Boundary

County Boundary (1)

Quadrangle Grid

USGS Quad (1)

PLS Townships

PLS Townships (1)

Survey Districts

District 2 (1)

Blockgroup (Census 2000)

Blockgroup (Census 2000) (2)

Block (Census 2000)

Block (Census 2000) (5)

Tract/BNR (Census 2000)

Tract/BNR (Census 2000) (1)

County Roads

County Roads (7)

School Sections

School Sections (1)

Public School Districts

CARROLL COUNTY SCHOOL DISTRICT (1)

US Congressional District

US Cong Dist #2 (1)

MS Senate

14 (1)

MS House

34 (1)

Intermittent Streams

Intermittent Streams (4)

Hydrologic Units (Basins)

UPPER YAZOO RIVER (1)

Historic Forest Boundary

Oak-Hickory-Magnolia-Poplar (1)

MS Forest Habitat

DEEP LOESS HILLS AND BLUFFS (1)

Physiographic Region

LOESS HILLS (1)

Soil Associations

memphis-loring-collins (1)

Surface Geology

KOSCIUSKO (1)

MFC Districts

MFC Districts (1)

MFC Dispatch Units

MFC Dispatch Units (1)

MS Outline

MS Outline (1)

Stand Activity Schedule for
Carroll County BOE
16 18N 3E

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2012					
2	1	Harvest, Mechanical, 1st Thin, Machine, Loblolly	11	\$127.49	\$1,929.40
2	2	Harvest, Mechanical, 1st Thin, Machine, Loblolly	13	\$155.77	\$2,357.38
2	6	Harvest, Mechanical, 1st Thin, Machine, Loblolly	6	\$70.47	\$1,066.43
2	19	Harvest, Mechanical, 1st Thin, Machine, Loblolly	19	\$221.14	\$3,346.63
2	25	Harvest, Mechanical, 1st Thin, Machine, Loblolly	114	\$1,325.43	\$20,058.74
2	26	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$11.59	\$175.40
2	27	Harvest, Mechanical, 1st Thin, Machine, Loblolly	2	\$23.18	\$350.80
2	41	Harvest, Mechanical, 1st Thin, Machine, Loblolly	29	\$336.11	\$5,086.60
2	44	Harvest, Mechanical, 1st Thin, Machine, Loblolly	5	\$62.59	\$947.16
Yearly Totals			201	\$2,333.76	\$35,318.54
2014					
1	12	Harvest, Mechanical, Liquidation, Machine, Loblolly	70	\$2,450.00	\$89,607.00
2	1	Fire Protection, Other, Burn, Hand, Fuel Reduction	11	\$275.00	\$0.00
2	2	Fire Protection, Other, Burn, Hand, Fuel Reduction	13	\$336.00	\$0.00
2	6	Fire Protection, Other, Burn, Hand, Fuel Reduction	6	\$152.00	\$0.00
2	19	Fire Protection, Other, Burn, Hand, Fuel Reduction	19	\$475.00	\$0.00
2	25	Fire Protection, Other, Burn, Hand, Fuel Reduction	114	\$2,850.00	\$0.00
2	26	Fire Protection, Other, Burn, Hand, Fuel Reduction	0	\$3.50	\$0.00
2	27	Fire Protection, Other, Burn, Hand, Fuel Reduction	2	\$51.50	\$0.00
2	41	Fire Protection, Other, Burn, Hand, Fuel Reduction	29	\$716.75	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
2	43	Harvest, Mechanical, 1st Thin, Machine, Loblolly	6	\$210.00	\$6,172.80
2	44	Fire Protection, Other, Burn, Hand, Fuel Reduction	5	\$135.00	\$0.00

Yearly Totals	276	\$7,654.75	\$95,779.80
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2015

5	4	Harvest, Mechanical, 1st Thin, Machine, Loblolly	4	\$137.20	\$738.53
5	32	Harvest, Mechanical, 1st Thin, Machine, Loblolly	83	\$2,894.50	\$15,580.68
5	40	Harvest, Mechanical, 1st Thin, Machine, Loblolly	6	\$199.85	\$1,075.76
5	42	Harvest, Mechanical, 1st Thin, Machine, Loblolly	10	\$346.50	\$1,865.16
5	45	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$35.00	\$188.40
5	51	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$35.00	\$188.40

Yearly Totals	104	\$3,648.05	\$19,636.93
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2016

1	12	Site Preparation, Chemical, Broadcast, Aerial, Woody	70	\$7,700.00	\$0.00
1	12	Site Preparation, Other, Burn, Hand, Cut-Over	70	\$1,750.00	\$0.00
2	43	Fire Protection, Other, Burn, Hand, Fuel Reduction	6	\$150.00	\$0.00

Yearly Totals	146	\$9,600.00	\$0.00
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2017

1	12	Regeneration, Artificial, Plant, Hand, Loblolly	70	\$5,950.00	\$0.00
5	4	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$98.00	\$0.00
5	32	Fire Protection, Other, Burn, Hand, Fuel Reduction	83	\$2,067.50	\$0.00
5	40	Fire Protection, Other, Burn, Hand, Fuel Reduction	6	\$142.75	\$0.00
5	42	Fire Protection, Other, Burn, Hand, Fuel Reduction	10	\$247.50	\$0.00
5	45	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$25.00	\$0.00
5	51	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$25.00	\$0.00

Strata	Stand	Activity	Acre	Est. Cost	Est. Revenue
7	3	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$47.60	\$139.13
7	11	Harvest, Mechanical, 1st Thin, Machine, Loblolly	5	\$189.70	\$554.47
7	21	Harvest, Mechanical, 1st Thin, Machine, Loblolly	2	\$69.65	\$203.58
7	22	Harvest, Mechanical, 1st Thin, Machine, Loblolly	7	\$245.00	\$716.10
7	28	Harvest, Mechanical, 1st Thin, Machine, Loblolly	3	\$121.10	\$353.96
7	29	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$23.80	\$69.56
7	30	Harvest, Mechanical, 1st Thin, Machine, Loblolly	1	\$47.95	\$140.15
7	34	Harvest, Mechanical, 1st Thin, Machine, Loblolly	9	\$319.20	\$932.98
7	46	Harvest, Mechanical, 1st Thin, Machine, Loblolly	4	\$124.95	\$365.21

	Yearly Totals	208	\$9,744.70	\$3,475.13
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2019

7	3	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$25.00	\$0.00
7	11	Fire Protection, Other, Burn, Hand, Fuel Reduction	5	\$135.50	\$0.00
7	21	Fire Protection, Other, Burn, Hand, Fuel Reduction	2	\$49.75	\$0.00
7	22	Fire Protection, Other, Burn, Hand, Fuel Reduction	7	\$162.50	\$0.00
7	28	Fire Protection, Other, Burn, Hand, Fuel Reduction	3	\$86.50	\$0.00
7	29	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$17.00	\$0.00
7	30	Fire Protection, Other, Burn, Hand, Fuel Reduction	1	\$34.25	\$0.00
7	34	Fire Protection, Other, Burn, Hand, Fuel Reduction	9	\$228.00	\$0.00
7	46	Fire Protection, Other, Burn, Hand, Fuel Reduction	4	\$89.25	\$0.00

	Yearly Totals	33	\$827.75	\$0.00
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	Grand Totals	969	\$33,809.01	\$154,210.41
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